

Geneseq Database Search Tool

Geneseq Version: 52.0, Release Date: 29Nov2000

!!NA_SEQUENCE 1.0

ID A06617 standard; cDNA; 278 BP.
AC A06617;
DT 13-JUN-2000 (first entry)
DE Human immunogenic prostate tumour protein cDNA sequence SEQ ID NO:398.
KW Human; prostate cancer; diagnosis; tumour; gene therapy; detection;
KW immunogenic; cytostatic; vaccine; ss.;
OS Homo sapiens.
PN WO200004149-A2.
PD 27-JAN-2000.
PF 14-JUL-1999; 99WO-US15838.
PR 14-JUL-1998; 98US-0115453.
PR 14-JUL-1998; 98US-0116134.
PR 23-SEP-1998; 98US-0159812.
PR 23-SEP-1998; 98US-0159822.
PR 15-JAN-1999; 99US-0232149.
PR 15-JAN-1999; 99US-0232880.
PR 09-APR-1999; 99US-0288946.
PA (CORI-) CORIXA CORP.
PI Dillon DC, Harlocker SL, Yuqiu J, Xu J, Mitcham JL;
DR WPI; 2000-171268/15.
PT New polypeptide useful for treating and diagnosing prostate cancer
PT comprises an immunogenic portion of prostate tumor protein -
PS Claim 50; Page 239; 263pp; English.
CC The present invention describes isolated polypeptides, comprising an
CC immunogenic portion of a prostate tumour protein (PTP). The polypeptides
CC and polynucleotides encoding them have cytostatic activity and can be
CC used in vaccines and in gene therapy. The polypeptides and
CC polynucleotides encoding them, antigen presenting cells which express
CC the polypeptides, antibodies against the polypeptides and vaccines
CC comprising them can be used for inhibiting the development of prostate
CC cancer in a patient. The polypeptides can be used to generate antibodies
CC or anti-idiotypic antibodies for passive immuno therapy. A portion of
CC the polynucleotides encoding the polypeptides can be used as a probe or
CC to modulate the expression of the polypeptides. A06241 to A06691 and
CC Y82000 to Y82020 represent sequences used in the exemplification of the
CC present invention.
SQ Sequence 278 BP; 56 A; 85 C; 87 G; 49 T; 1 other;

A06617 Length: 278 December 4, 2000 19:52 Type: N Check: 691 ..

1 GCGGCCGCGT CGACAGCAGT TCCGCCAGCG CTCGCCCTG GGTGGGGATG
51 TGCTGCACGC CCACCTGGAC ATCTGGAAGT CAGCGGCCTG GATGAAAGAG
101 CGGACTTCAC CTGGGGCGAT TCACTACTGT GCCTCGACCA GTGAGGAGAG
151 CTGGACCGAC AGCGAGGTGG ACTCATCATG CTCCGGGCAG CCCATCCACC
201 TGTGGCAGTT CCTCAAGGAG TTGCTACTCA AGCCCCACAG CTATGGCCCG
251 TTCATTANGT GGCTCAACAA GGAGAAGG

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!!NA_SEQUENCE 1.0
ID C04502 standard; cDNA; 264 BP.
AC C04502;
DT 06-OCT-2000 (first entry)
DE Human secreted protein 5' EST, SEQ ID NO: 8577.
KW Human; 5' EST; expressed sequence tag; secreted protein; cDNA isolation;
KW gene therapy; chromosome mapping; ss.;
OS Homo sapiens.
PN EP1033401-A2.
PD 06-SEP-2000.
PF 21-FEB-2000; 2000EP-0200610.
PR 26-FEB-1999; 99US-0122487.
PA (GEST) GENSET.
PI Dumas Milne Edwards J, Duclert A, Giordano J;
DR WPI; 2000-500381/45.
PT New nucleic acid that is a 5' expressed sequence tag (5' EST) for
PT obtaining cDNAs and genomic DNAs that correspond to 5'ESTs and for
PT diagnostic, forensic, gene therapy and chromosome mapping procedures -
PS Claim 1; SEQ ID 8577; 71pp + CD-ROM; English.
CC The present sequence is one of a large number of 5' ESTs derived from
CC mRNAs encoding secreted proteins. No ORF has yet been conclusively
CC identified within the present sequence. The 5' ESTs were prepared from
CC total human RNAs or polyA+ RNAs derived from 30 different tissues. EST
CC sequences usually correspond mainly to the 3' untranslated region (UTR)
CC of the mRNA because they are often obtained from oligo-dT primed cDNA
CC libraries. Such ESTs are not well suited for isolating cDNA sequences
CC derived from the 5' ends of mRNAs and even in those cases where longer
CC cDNA sequences have been obtained, the full 5' UTR is rarely included.
CC 5' ESTs are derived from mRNAs with intact 5' ends and can therefore be
CC used to obtain full length cDNAs and genomic DNAs. 5' ESTs are also used
CC in diagnostic, forensic, gene therapy and chromosome mapping procedures.
CC They are used to obtain upstream regulatory sequences and to design
CC expression and secretion vectors.
SQ Sequence 264 BP; 41 A; 106 C; 70 G; 46 T; 1 other;

C04502 Length: 264 December 4, 2000 19:54 Type: N Check: 6061 ..

1 CTCTTCATCT CGCGGCTGTC TGACTTCCTC CCAGCACATT CCTGCACTCT
51 GCCGYGTCCA CACTGCCCCA CAGACCCAGT CCTCCAAGCC TGCTGCCAGC
101 TCCCTGCAAG CCCCTCAGGT TGGGCCTTGC CACGGTGCCA GCAGGCAGCC
151 CTGGGCTGGG GGTAGGGGAC TCCTACAGG CACGCAGCCC TGAGACCTCA
201 GAGGGCCACC CCTTGAGGGT GGCCAGGCC CCAGTGGCCA ACCTGAGTGC
251 TGCCTCTGCC ACCA